

# HISTORIC AMERICAN ENGINEERING RECORD

## INDEX TO PHOTOGRAPHS

HAER  
WASH  
32-SPOK,  
5B-

Washington Water Power Spokane River

HAER No. WA-162-B

Upper Falls Hydroelectric Development

Gates and gate-lifting mechanisms

Spokane River, ca. 0.5 mile northeast of intersection of Spokane Falls Boulevard and Post Street

Spokane

Spokane County

Washington

Dr. Harvey S. "Pete" Rice, Photographer

May 1998 (WA-162-B-1 through WA-162-B-5)

- WA-162-B-1            EXISTING TRASH RAKE STRUCTURE AND STEEL I-BEAM TRACK, LOOKING EAST/NORTHEAST.
- WA-162-B-2            GATE-LIFTING SPUR GEAR DRIVE IN FOREGROUND, ATTACHED TO A GENERAL ELECTRIC COMPANY "CRANE MOTOR," WITH COMPANION SOLENOID BRAKE IN RIGHT BACKGROUND, WITH BOTH MOUNTED ON A CONCRETE PEDESTAL. PORTIONS OF THE STEEL DERRICK LIFTING FRAME ARE VISIBLE IN THE FOREGROUND AND BACKGROUND, LOOKING EAST/NORTHEAST.
- WA-162-B-3            ONE OF SIX SPUR GEARS AND CABLE SPOOLS INSTALLED IN THE UPPER FALLS GATE HOUSE. THE SHIFTING LEVER IS VISIBLE IN FOREGROUND, AS IS THE 3" X 3 1/16" SHAFT, LOOKING EAST, NORTHEAST.
- WA-162-B-4            PULLEY SYSTEM AND CABLE FOR GATE-LIFTING MECHANISM, MOUNTED ABOVE THE THREE GATE OPENINGS, LOOKING SOUTH/SOUTHEAST.
- WA-162-B-5            30" DIAMETER ACCESS MANHOLE IN THE CENTER OF THE GATE HOUSE,            LOOKING SOUTH.